

Product Highlights

Flexible Deployment

Allows administrators to locate wireless devices such as access points or cameras beyond the range of standard power outlets

Plug and Play

Easy to install; no additional software required, and adjustable power output supports devices requiring 5 V or 12 V power

Convenient and Efficient

Both power and data are delivered via a single Ethernet cable, which helps keep network hardware neat and tidy



DWL-P50

5V DC/12V DC Power Over Ethernet Adapter

Features

Flexible Power Options

- Provides DC power over an existing Ethernet cable to a wireless LAN device or IP camera
- Transforms incoming AC power into low-voltage DC power
- Transmits power up to 328 feet away (100m)¹
- Supports both 5 V DC and 12 V DC power (selectable through a DIP switch)
- Protects wireless LAN devices from possible power surges

Convenient

- Compact design
- Plug and play
- Operating system independent
- No software required

The DWL-P50 5V DC/12V DC Power Over Ethernet Adapter is designed to supply operational power to surveillance cameras and wireless LAN devices such as access points, bridges, and routers. It enables power to be delivered over the network via an Ethernet cable, eliminating the need to locate the destination device near to an existing power source. As it takes a Power over Ethernet (PoE) connection as its input, the DWL-P50 is ideal for connections between a PoE switch and a non-PoE device.

Greater Flexibility

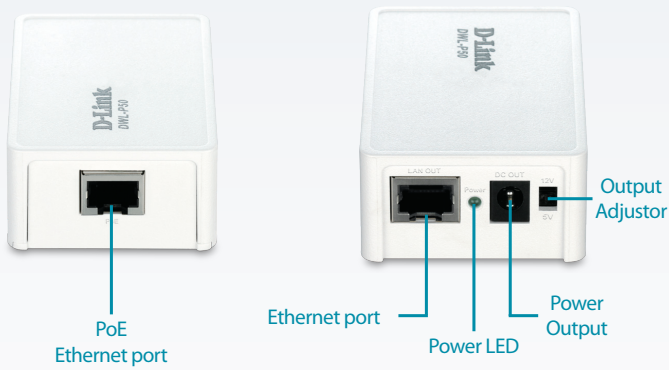
Network administrators can use the DWL-P50 to deploy wireless LAN devices and cameras in hard-to-reach places such as rooftops, ceilings, or any other place not usually in close proximity to a power source. This means that administrators can position network devices where they will be most effective, rather than having to settle for less desirable locations due to the limited availability of power, or use messy power extension cables. With the DWL-P50, both power and data can be transmitted up to 328 feet (100 m) using standard Ethernet cabling with virtually no reduction in data throughput.

Easy Installation

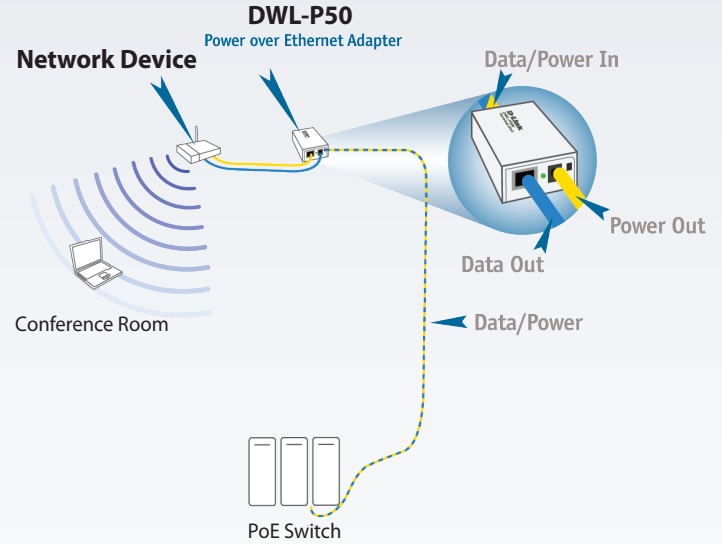
The DWL-P50 5V DC/12V DC Power Over Ethernet Adapter is simple to install, requiring no tools and no software, and is operating system independent. Its compact size makes implementation of the DWL-P50 easy. Network administrators can simply plug the DWL-P50 into a PoE switch, and then connect it to a non-PoE network device using a standard Ethernet cable and a power cable. Once set up, the DWL-P50 will output power² to any compatible 5 V or 12 V device.

Centralized Power Provision

In addition to eliminating the need for additional, separate wiring for power, the DWL-P50 is a useful tool that can help administrators easily create a robust centralized power network. A central Uninterruptible Power Source (UPS) can be added to a PoE switch, to which every wireless access point, surveillance camera, and Internet phone is connected. This installation provides uninterrupted power without the need to deploy a separate UPS for each device.



Deployment Scenario



Technical Specifications

General

PoE	• 802.3af compliant	
Ethernet	• Data rate: 10/100 Mbps • Connector: RJ-45	• TIA/EIA 568 Cat-5
LEDs	• Power	

Physical

Dimensions	• 83.2 x 52.9 x 28.4 mm (3.28 x 2.08 x 1.12 inches)	
Weight	• 79 grams (2.79 ounces)	
Power	• Output: 5 V DC or 12 V DC (DIP switch selectable)	
Temperature	• Operating: 0 to 40 °C (32 to 104 °F)	• Storage: -10 to 70 °C (14 to 158 °F)
Humidity	• Operating: 10% to 80% non-condensing	• Storage: 5% to 90% non-condensing
Certifications	• FCC Class B • VCCI Class B	• CE Class B
Safety	• LVD	

DWL-P50 5V DC/12V DC Power Over Ethernet Adapter

Order Information	
<i>Part Number</i>	<i>Description</i>
DWL-P50	5V DC/12V DC Power Over Ethernet Adapter

¹ Maximum distance as per 802.3u specifications

² Maximum power output - 5 volts: 2.5 amps; 12 volts: 1 amp

Updated 2013/07/03